

REMARKS

Claims 1-23 are pending. By this Amendment, claim 1 is canceled without prejudice or disclaimer, the Abstract, the drawings, the specification, and claims 2-8 are amended, and claims 9-23 are added. The specification is amended to correct a typographical error. A substitute Abstract and a Request for Approval of Drawing Amendment are provided herewith. No new matter is added. Support for the claims can be found throughout the specification, including the original claims, and the drawings. Reconsideration in view of the above amendments and following remarks is respectfully requested.

The Office Action objected to the drawings as failing to comply with 37 C.F.R. §1.84(b)(4) because references characters "7" and "14" have both been used to designate the main frame. The drawings have been corrected addressing each of the Examiner's comments. Accordingly, the objection should be withdrawn.

The Office Action rejected claims 1-4 and 6-8 under 35 U.S.C. §102(b) as being anticipated by JP 05325815. The rejection is respectfully traversed.

The Office Action asserted that JP 05325815 discloses "a tension mask assembly with a tension mask, a main and sub frame, a magnetic shield structure in a funnel with a main unit and a front unit where the tension mask is inserted." However, new claim 9 recites a magnetic shield structure including a main unit for shielding inner sides of the funnel and a front unit configured to accommodate the tension mask assembly. The magnetic shield structure has side

walls formed on short sides of the front unit. The side walls cover short sides of the tension mask assembly.

The magnetic shield structure of the claimed invention greatly reduces the influence of geomagnetism on the electron beams. Therefore, image quality in a CRT utilizing the claimed device would be improved. Also, the front unit with the side walls substantially blocks a large amount of electron beams from being scanned out of an effective surface of the tension mask and reflected by the main or sub frame, and thus prevents the halation resulting from such reflected electron beams.

In contrast, as shown in Figs. 1 and 3, the magnetic shield structure 2 of JP 05325815 only partially covers the long sides of the tension mask assembly 3 with vertically formed (A Parts 7) extensions. Further, the magnetic shield structure does not cover at all the short sides of the tension mask assembly (B Parts 8), and thus the short sides are exposed to the geomagnetism. Thus, JP 05325815 fails to disclose or suggest the magnetic shield structure recited in claim 9.

Accordingly, JP 05325815 fails to disclose or suggest all of the features of independent claim 9. Dependent claims 2-4 and 6-8 are allowable at least for the reasons discussed above with respect to independent claim 9, from which they depend, as well as for their added features.

The Office Action rejected claim 5 under 35 U.S.C. §103(a) as being unpatentable over JP 05325815. The rejection is respectfully traversed.

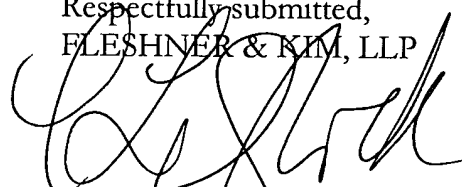
Dependent claim 5 is allowable at least for the reasons discussed above with independent claim 9, from which it depends, as well as for its added features.

Added claim 10 is allowable at least for the reasons discussed above with respect to independent claim 9, from which it depends, as well as for its added features. Added claims 11-23 also define over the applied prior art. Accordingly, allowance of these claims is earnestly solicited.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Carol L. Druzbeck, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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